



(10) **Patent No.:** US 7,854,812 B2
(45) **Date of Patent:** Dec. 21, 2010

- | | | | | |
|------------|------|---------|--------------|--------|
| 5,079,042 | A | 1/1992 | Frings | |
| 5,313,755 | A | 5/1994 | Koenig, Jr. | |
| 5,381,942 | A * | 1/1995 | Lin | 225/56 |
| 5,604,001 | A | 2/1997 | Schold | |
| 6,148,573 | A | 11/2000 | Smythe, Jr. | |
| 6,223,486 | B1 * | 5/2001 | Dunham | 52/254 |
| 03/0024188 | A1 | 2/2003 | Smythe | |
| 03/0033770 | A1 | 2/2003 | Harel | |
| 04/0093816 | A1 | 5/2004 | Smythe | |
| 05/0028483 | A1 | 2/2005 | Smythe | |
| 06/0101746 | A1 | 5/2006 | Smythe | |

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 175 days.

OTHER PUBLICATIONS

3M Company website (www.3m.com) one page.

* cited by examiner

Primary Examiner—Kahn Nguyen
Assistant Examiner—Margaret Squalls

(74) *Attorney, Agent, or Firm*—John E. Simms, Jr.

(57) **ABSTRACT**

- A joint compound guide bead dispenser, for finishing wallboard joints and a process for finishing wallboard joints. The guide bead dispenser includes a housing containing an adhesive coated cord wound on a rotatably mounted spool. The housing has an opening through which the cord passes and a roller rotatably mounted proximate to the opening. A cutting blade is mounted on the housing proximate to the opening. A length of cord may be payed out through the opening. The cord may be adhered to wallboard, proximate to a joint, by applying pressure with the roller and cut to selected length. Joint compound may be applied to cover the joint and smoothed to a uniform feathered finish by resting a straight edged knife on the wallboard and on the guide bead while moving the knife in a joint compound applying stroke.

4 Claims, 3 Drawing Sheets

(58) **Field of Classification Search** 156/71,
156/574, 575, 577, 579
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,109,207	A *	11/1963	Cooper	52/255
4,313,991	A	2/1982	Lamb	
4,336,097	A *	6/1982	Van Kampen et al.	156/527
4,486,263	A *	12/1984	Monzo Gomez	156/523